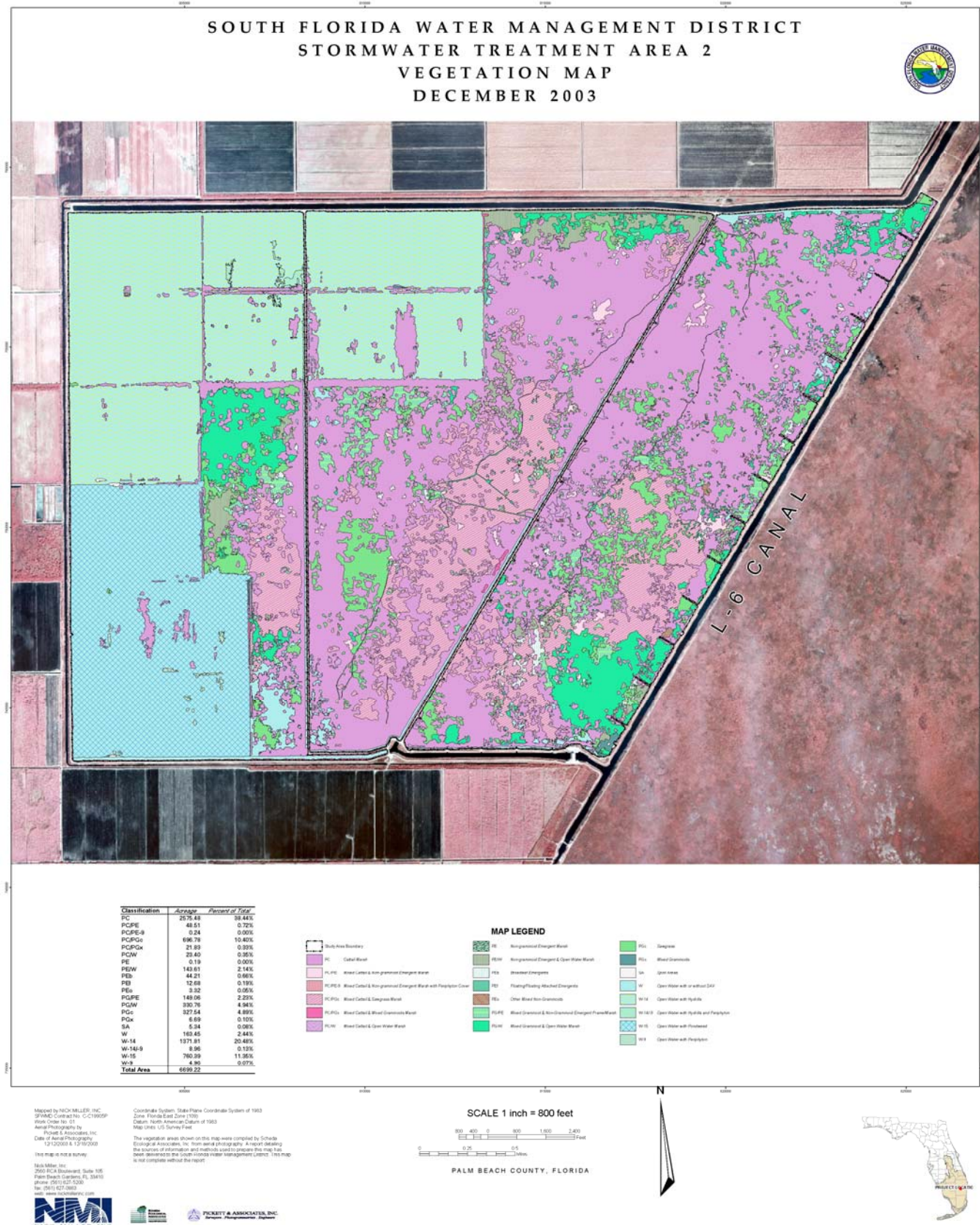


Appendix 4-13: Vegetation Coverage Maps for STA-2, STA-5, and STA-6 – December 2003

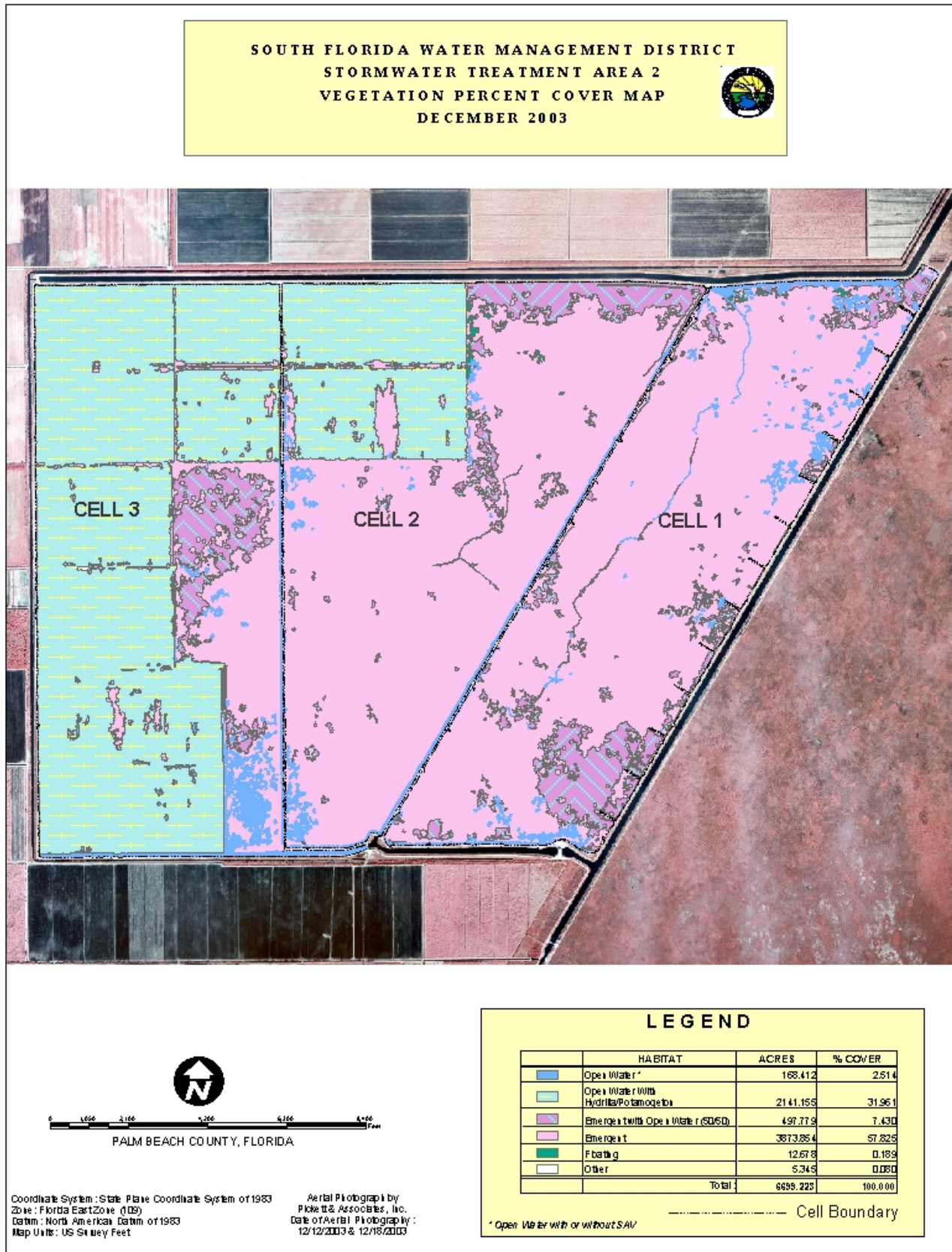


STA-2 Vegetation Map Legend







MAP LEGEND

	Study Area Boundary		PE	Non-graminoid Emergent Marsh		PGc	Sawgrass	
	PC	Cattail Marsh		PE/W	Non-graminoid Emergent & Open Water Marsh		PGx	Mixed Graminoids
	PC/PE	Mixed Cattail & Non-graminoid Emergent Marsh		PEb	Broadleaf Emergents		SA	Spoil Areas
	PC/PE-9	Mixed Cattail & Non-graminoid Emergent Marsh with Periphyton Cover		PEf	Floating/Floating Attached Emergents		W	Open Water with or without SAV
	PC/PGc	Mixed Cattail & Sawgrass Marsh		PEo	Other Mixed Non-Graminoids		W-14	Open Water with Hydrilla
	PC/PGx	Mixed Cattail & Mixed Graminoids Marsh		PG/PE	Mixed Graminoid & Non-Graminoid Emergent Prairie/Marsh		W-14/-9	Open Water with Hydrilla and Periphyton
	PC/W	Mixed Cattail & Open Water Marsh		PG/W	Mixed Graminoid & Open Water Marsh		W-15	Open Water with Pondweed
							W-9	Open Water with Periphyton

Classification	Acreage	Percent of Total
PC	2575.48	38.44%
PC/PE	48.51	0.72%
PC/PE-9	0.24	0.00%
PC/PGc	696.78	10.40%
PC/PGx	21.83	0.33%
PC/W	23.40	0.35%
PE	0.19	0.00%
PE/W	143.61	2.14%
PEb	44.21	0.66%
PEf	12.68	0.19%
PEo	3.32	0.05%
PG/PE	149.06	2.23%
PG/W	330.76	4.94%
PGc	327.54	4.89%
PGx	6.69	0.10%
SA	5.34	0.08%
W	163.45	2.44%
W-14	1371.81	20.48%
W-14/-9	8.96	0.13%
W-15	760.39	11.35%
W-9	4.96	0.07%
Total Area	6699.22	



STA-2 Vegetation Percent Cover LEGEND

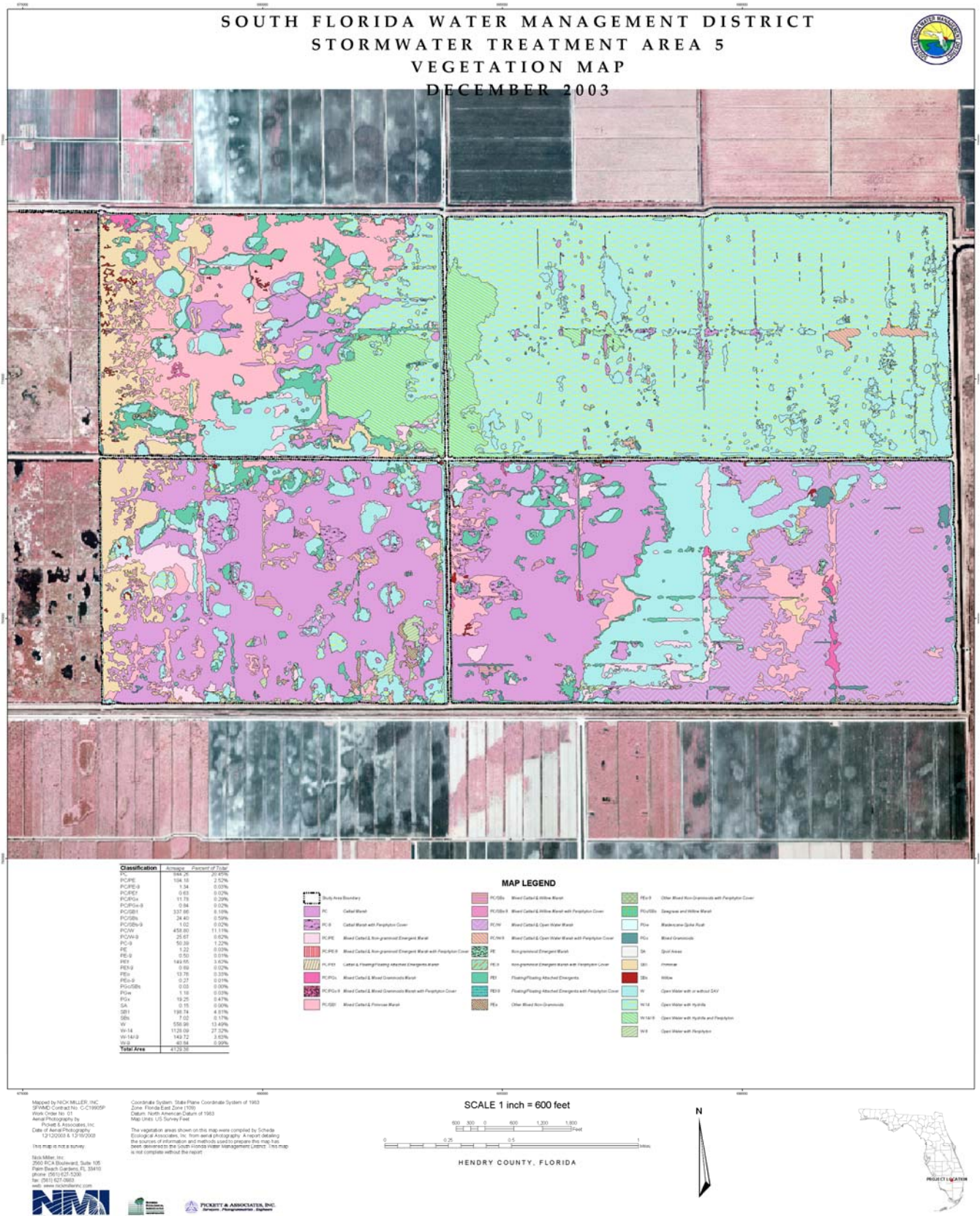
LEGEND			
	HABITAT	ACRES	% COVER
	Open Water *	168.412	2.514
	Open Water With Hydrilla/Potamogeton	2141.155	31.961
	Emergent with Open Water (50/50)	497.779	7.430
	Emergent	3873.854	57.825
	Floating	12.678	0.189
	Other	5.345	0.080
	Total :	6699.223	100.000

----- Cell Boundary

* Open Water with or without SAV






























Aerial Photograph by
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Date of Aerial Photography:
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Coordinate System: State Plane
Coordinate System of 1983
Zone: Florida East Zone (109)
Datum: North American Datum of
1983
Map Units: US Survey Feet

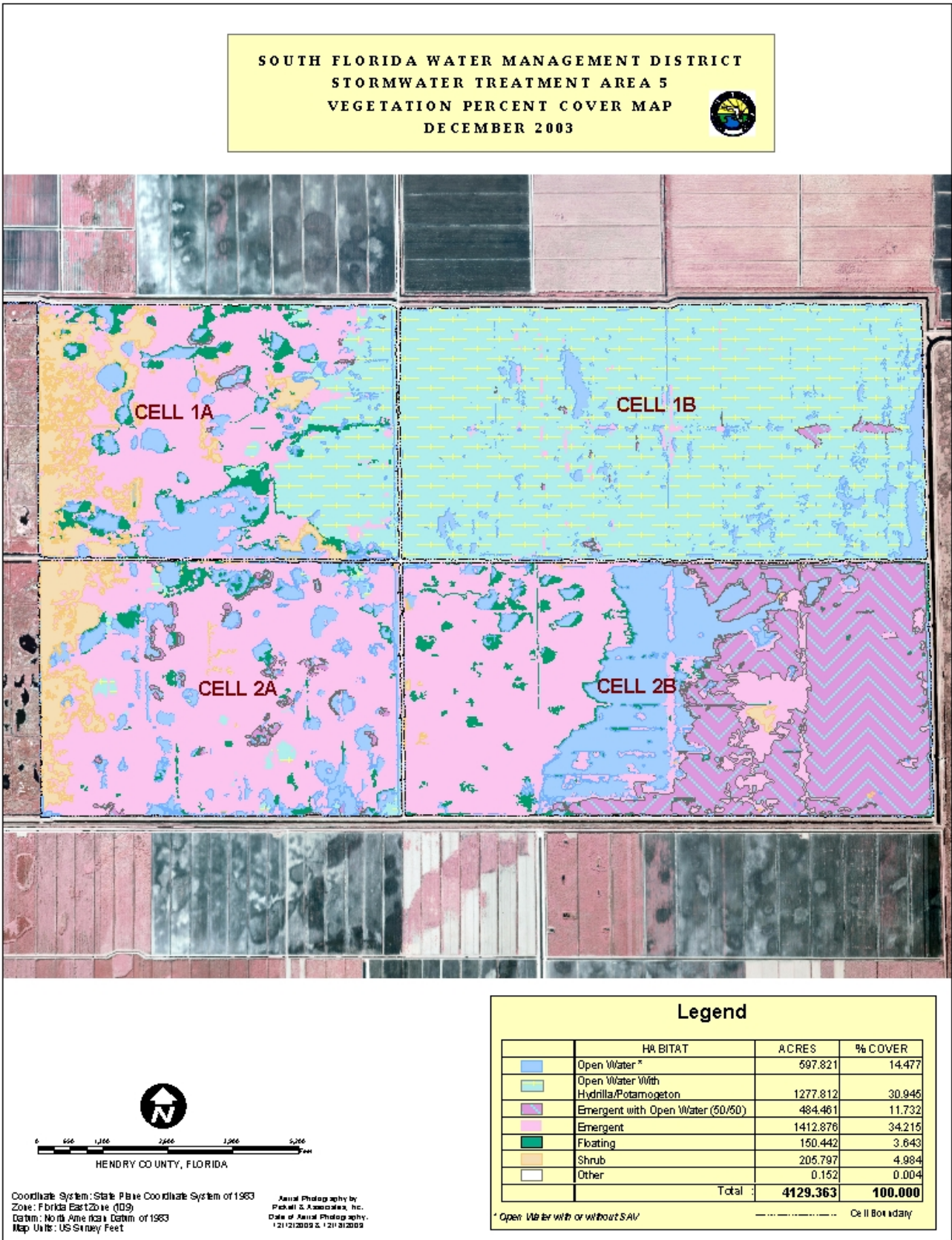


STA-5 Vegetation Map LEGEND

MAP LEGEND








 Study Area Boundary	 PC/SBs <i>Mixed Cattail & Willow Marsh</i>	 PEo-9 <i>Other Mixed Non-Graminoids with Periphyton Cover</i>
 PC <i>Cattail Marsh</i>	 PC/SBs-9 <i>Mixed Cattail & Willow Marsh with Periphyton Cover</i>	 PGc/SBs <i>Sawgrass and Willow Marsh</i>
 PC-9 <i>Cattail Marsh with Periphyton Cover</i>	 PC/W <i>Mixed Cattail & Open Water Marsh</i>	 PGw <i>Maidencane-Spike Rush</i>
 PC/PE <i>Mixed Cattail & Non-graminoid Emergent Marsh</i>	 PC/W-9 <i>Mixed Cattail & Open Water Marsh with Periphyton Cover</i>	 PGx <i>Mixed Graminoids</i>
 PC/PE-9 <i>Mixed Cattail & Non-graminoid Emergent Marsh with Periphyton Cover</i>	 PE <i>Non-graminoid Emergent Marsh</i>	 SA <i>Spoil Areas</i>
 PC/PEf <i>Cattail & Floating/Floating Attached Emergents Marsh</i>	 PE-9 <i>Non-graminoid Emergent Marsh with Periphyton Cover</i>	 SB1 <i>Primrose</i>
 PC/PGx <i>Mixed Cattail & Mixed Graminoids Marsh</i>	 PEf <i>Floating/Floating Attached Emergents</i>	 SBs <i>Willow</i>
 PC/PGx-9 <i>Mixed Cattail & Mixed Graminoids Marsh with Periphyton Cover</i>	 PEf-9 <i>Floating/Floating Attached Emergents with Periphyton Cover</i>	 W <i>Open Water with or without SAV</i>
 PC/SB1 <i>Mixed Cattail & Primrose Marsh</i>	 PEo <i>Other Mixed Non-Graminoids</i>	 W-14 <i>Open Water with Hydrilla</i>
		 W-14/-9 <i>Open Water with Hydrilla and Periphyton</i>
		 W-9 <i>Open Water with Periphyton</i>

Classification	Acreage	Percent of Total
PC	844.26	20.45%
PC/PE	104.18	2.52%
PC/PE-9	1.34	0.03%
PC/PEf	0.63	0.02%
PC/PGx	11.78	0.29%
PC/PGx-9	0.84	0.02%
PC/SB1	337.86	8.18%
PC/SBs	24.40	0.59%
PC/SBs-9	1.02	0.02%
PC/W	458.80	11.11%
PC/W-9	25.67	0.62%
PC-9	50.39	1.22%
PE	1.22	0.03%
PE-9	0.50	0.01%
PEf	149.55	3.62%
PEf-9	0.89	0.02%
PEo	13.76	0.33%
PEo-9	0.27	0.01%
PGc/SBs	0.03	0.00%
PGw	1.18	0.03%
PGx	19.25	0.47%
SA	0.15	0.00%
SB1	198.74	4.81%
SBs	7.02	0.17%
W	556.98	13.49%
W-14	1128.09	27.32%
W-14/-9	149.72	3.63%
W-9	40.84	0.99%
Total Area	4129.36	



**STA-5 Vegetation Percent Cover
LEGEND**

Legend

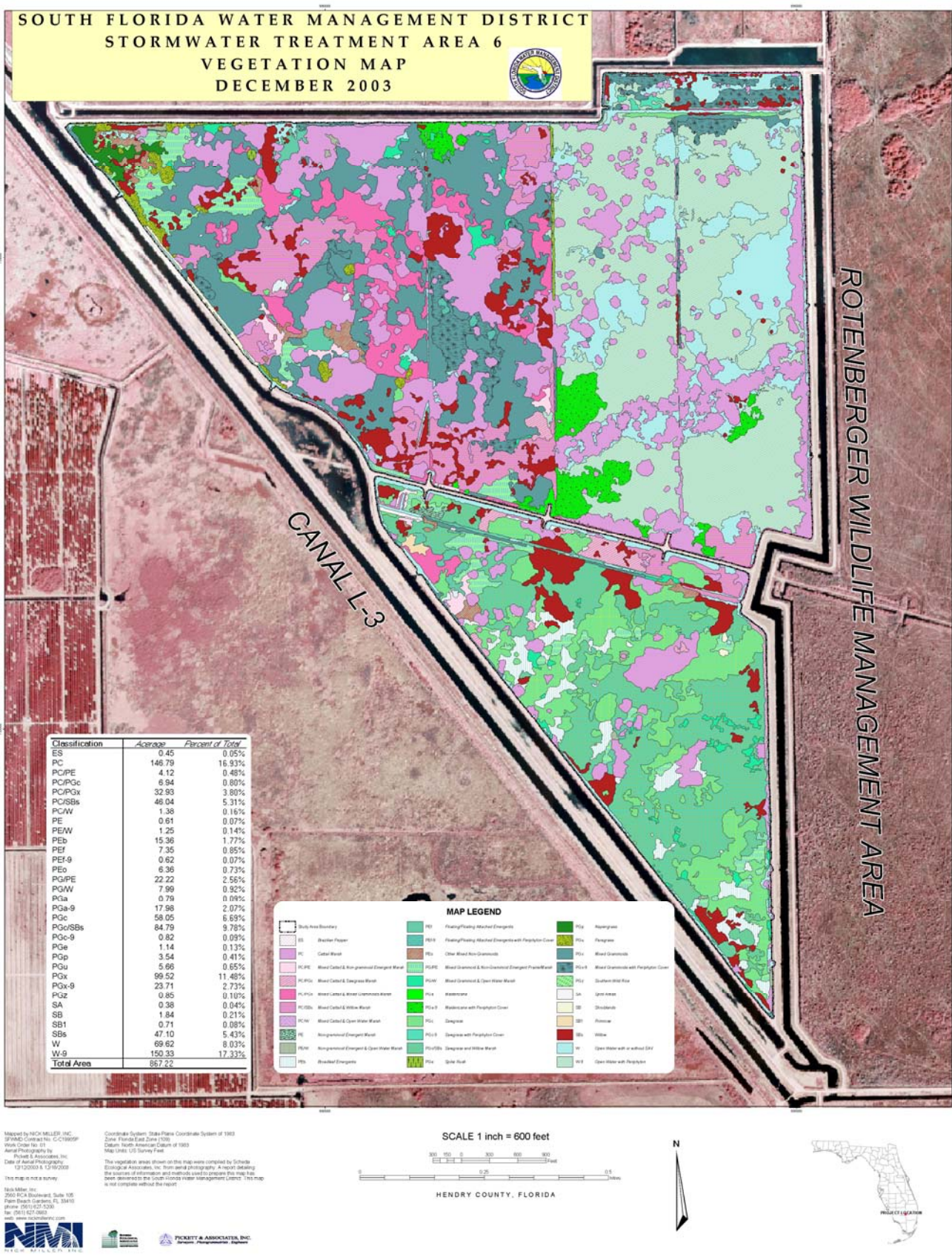
	HABITAT	ACRES	% COVER
	Open Water *	597.821	14.477
	Open Water With Hydrilla/Potamogeton	1277.812	30.945
	Emergent with Open Water (50/50)	484.461	11.732
	Emergent	1412.876	34.215
	Floating	150.442	3.643
	Shrub	205.797	4.984
	Other	0.152	0.004
	Total :	4129.363	100.000

* Open Water with or without SAV

----- Cell Boundary


































Aerial Photograph by
Pickett & Associates, Inc.
Date of Aerial Photography:
12/12/2003 & 12/18/2003

Coordinate System: State Plane
Coordinate System of 1983
Zone: Florida East Zone (109)
Datum: North American Datum of
1983
Map Units: US Survey Feet

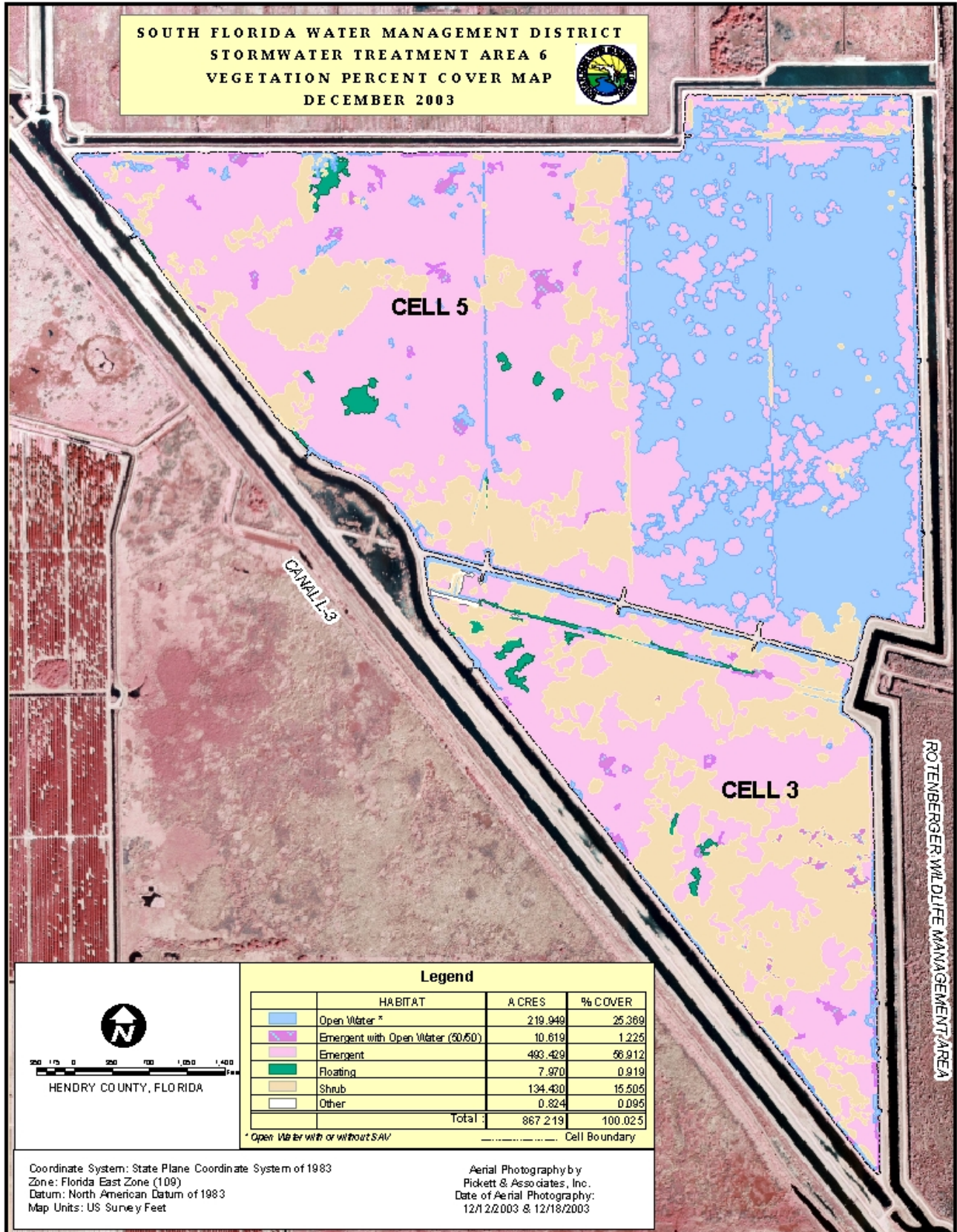


STA-6 Vegetation Map LEGEND







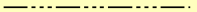
MAP LEGEND

	Study Area Boundary		PEf	Floating/Floating Attached Emergents		PGp	Napiergrass
	ES Brazilian Pepper		PEf-9	Floating/Floating Attached Emergents with Periphyton Cover		PGu	Paragrass
	PC Cattail Marsh		PEo	Other Mixed Non-Graminoids		PGx	Mixed Graminoids
	PC/PE Mixed Cattail & Non-graminoid Emergent Marsh		PG/PE	Mixed Graminoid & Non-Graminoid Emergent Prairie/Marsh		PGx-9	Mixed Graminoids with Periphyton Cover
	PC/PGc Mixed Cattail & Sawgrass Marsh		PG/W	Mixed Graminoid & Open Water Marsh		PGz	Southern Wild Rice
	PC/PGx Mixed Cattail & Mixed Graminoids Marsh		PGa	Maidencane		SA	Spoil Areas
	PC/SBs Mixed Cattail & Willow Marsh		PGa-9	Maidencane with Periphyton Cover		SB	Shrublands
	PC/W Mixed Cattail & Open Water Marsh		PGc	Sawgrass		SB1	Primrose
	PE Non-graminoid Emergent Marsh		PGc-9	Sawgrass with Periphyton Cover		SBs	Willow
	PE/W Non-graminoid Emergent & Open Water Marsh		PGc/SBs	Sawgrass and Willow Marsh		W	Open Water with or without SAV
	PEb Broadleaf Emergents		PGe	Spike Rush		W-9	Open Water with Periphyton

Classification	Acerage	Percent of Total
ES	0.45	0.05%
PC	146.79	16.93%
PC/PE	4.12	0.48%
PC/PGc	6.94	0.80%
PC/PGx	32.93	3.80%
PC/SBs	46.04	5.31%
PC/W	1.38	0.16%
PE	0.61	0.07%
PE/W	1.25	0.14%
PEb	15.36	1.77%
PEf	7.35	0.85%
PEf-9	0.62	0.07%
PEo	6.36	0.73%
PG/PE	22.22	2.56%
PG/W	7.99	0.92%
PGa	0.79	0.09%
PGa-9	17.98	2.07%
PGc	58.05	6.69%
PGc/SBs	84.79	9.78%
PGc-9	0.82	0.09%
PGe	1.14	0.13%
PGp	3.54	0.41%
PGu	5.66	0.65%
PGx	99.52	11.48%
PGx-9	23.71	2.73%
PGz	0.85	0.10%
SA	0.38	0.04%
SB	1.84	0.21%
SB1	0.71	0.08%
SBs	47.10	5.43%
W	69.62	8.03%
W-9	150.33	17.33%
Total Area	867.22	



**STA-6 Vegetation Percent Cover
LEGEND**

Legend			
	HABITAT	ACRES	% COVER
	Open Water *	219.949	25.369
	Emergent with Open Water (50/50)	10.619	1.225
	Emergent	493.429	56.912
	Floating	7.970	0.919
	Shrub	134.430	15.505
	Other	0.824	0.095
	Total :	867.219	100.025
<i>* Open Water with or without SAV</i>  Cell Boundary			

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Date of Aerial Photography:
12/12/2003 & 12/18/2003

Coordinate System: State Plane
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